

RULES OF SAFETY FIRE COMMISSIONER

CHAPTER 120-3-13

RULES AND REGULATIONS FOR WELDING GASES

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120-3-13-.01 Promulgation and Purpose

- (1) These Rules and Regulations for Welding Gases are promulgated by the Georgia Safety Fire Commissioner pursuant to O.C.G.A. § 25-2-4.
- (2) The purpose of these rules and regulations is to provide precautionary and protective techniques that are reasonable and practical measures for the prevention of injury to persons and property from the storage, transportation and handling of welding gases. These rules and regulations supersede former rules and regulations promulgated by the Georgia Safety Fire Commissioner pertaining to welding gases when such are in conflict with these rules and regulations.

120-3-13-.02 Definitions

The definitions contained herein are in addition to and in clarification of those contained in the adopted standards.

- (1) **PERSON.** Any individual, firm, partnership, corporation, company, association, joint stock association, and any trustee, receiver, assignee, or personal representative thereof.
- (2) **COMMISSIONER.** The Georgia Safety Fire Commissioner.
- (3) **AUTHORITY HAVING JURISDICTION.** The State Fire Marshal of Georgia.
- (4) **DOT.** The United States Department of Transportation.
- (5) **GPSC.** The Georgia Public Service Commission.
- (6) **NFPA.** The National Fire Protection Association.



120-3-13-.03 Adopted Standards and Modifications

- (1) The following NFPA standards are hereby adopted:

NFPA NUMBER	YEAR EDITION	TITLE
51	1997	Standard for the Design and Installation of Oxygen-Fuel Gas Systems for Welding and Cutting and Allied Processes
51A	1996	Standard for Acetylene Cylinder Charging Plants
51B	1994	Standard for Fire Prevention in Use of Cutting and Welding Processes

- (2) The provisions of NFPA 51 (1997 Edition), Chapter 7, Section 7-2.1 on Calcium Carbide Storage in Building is amended to include, AAreas devoted to calcium carbide storage, handling, and acetylene generation shall not be equipped with fire protection systems.≡

120-3-13-.04 Transportation of Fuel Gas for Welding and Cutting

- (1) Only approved cylinders and containers as stated in NFPA Standard Number 51, shall be transported. Cylinders and containers loaded in or on vehicles shall be securely fastened to prevent slipping or overturning, and protective caps shall be securely fitted in place whether cylinders or containers are full, partially full or empty.
- (2) Vehicles shall be in good operating condition and shall not be overloaded. Every vehicle regularly used for transporting fuel gas cylinders or containers shall be equipped with at least one fire extinguisher having a rating of 20-BC, permanently mounted and readily accessible to the driver.
- (3) Drivers of vehicles transporting fuel gas for welding and cutting shall be physically able to perform the job, careful, capable, reliable, familiar with traffic laws and the provisions of this Chapter, and shall not be addicted to or under the influence of intoxicants, narcotics or other dangerous drugs.
- (4) Vehicles transporting 1,000 pounds gross weight or more of flammable or nonflammable compressed fuel gas for welding and cutting shall carry placards on the front, rear and sides which meet DOT requirements.

120-3-13-.05 Request for Modification of Specific Requirements

Upon receipt of a sworn affidavit from the owner stating all relevant facts and circumstances and such other information as may be required, the State Fire Marshal may recommend to the Commissioner that specific requirements of this Chapter and the NFPA standards adopted herein be modified to allow alternative arrangements that will secure as nearly equivalent measures as practical for the prevention of injury to persons and property. The Commissioner in his discretion may accept the State Fire Marshal's recommendation and grant the requested modification.

120-3-13-.06 Penalties

After notice and hearing provided in accordance with Rule 120-3-2-.02 of the Rules of Safety Fire Commissioner, any person who is found to have violated any of the rules contained in this Chapter shall be subject to such penalties as authorized by law or Regulation.



120-3-13-.07 Severability

If any rule or portion thereof contained in this Chapter is held invalid by a court of competent jurisdiction, the remainder of the rules herein and the applicability of such provisions to other circumstances shall not be affected thereby.

NOTES: 1. The NFPA standards adopted in this Chapter are on file in the Office of the State Fire Marshal and are available for viewing.

2. Copies of the NFPA standards may be obtained from:

National Fire Protection Association
Batterymarch Park
Quincy, Massachusetts 02269
Phone: 1-800-344-3555

A list of the standards is available at the Office of the State Fire Marshal for viewing.

If you are an individual with a disability and wish to acquire this publication in an alternative format, please contact the ADA Coordinator, Safety Fire Division, Office of Commissioner of Insurance, No. 2 Martin Luther King Jr. Drive, Atlanta, Georgia 30334, 404 656-2056, TDD 404 656-4031.

